

**DERWENT-ACC-NO: 2002-390838**

**DERWENT-WEEK: 200242**

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**TITLE: Digital bicycle or vehicle handle key and handle lock**

**INVENTOR: SON, Y S**

**PATENT-ASSIGNEE: SON Y S[SONYI]**

**PRIORITY-DATA: 2001KR-0057397 (September 17, 2001)**

**PATENT-FAMILY:**

<b>PUB-NO</b>	<b>PUB-DATE</b>	<b>LANGUAGE</b>	<b>PAGES</b>
<b>MAIN-IPC</b>			
<b>KR 2001112128 A</b>	<b>December 20, 2001</b>	<b>N/A</b>	<b>001</b>
<b>E05B 005/00</b>			

**APPLICATION-DATA:**

<b>PUB-NO</b>	<b>APPL-DESCRIPTOR</b>	<b>APPL-NO</b>
<b>APPL-DATE</b>		
<b>KR2001112128A</b>	<b>N/A</b>	<b>2001KR-0057397</b>
<b>September 17, 2001</b>		

**INT-CL (IPC): E05B005/00**

**ABSTRACTED-PUB-NO: KR2001112128A**

**BASIC-ABSTRACT:**

**NOVELTY - Digital bicycle or vehicle handle key and handle lock are provided to install a handle key and a handle lock on a bicycle or a vehicle and to apply convenience by being divided a manual type and a digital electronic type.**

**DETAILED DESCRIPTION - A handle key and a handle lock mounted on a bicycle or a vehicle comprises a handle key groove(1); a lock(2) protruded in rotating the handle key toward an opposite direction; a handle body groove(3) fixing the lock; a starting unit(5) ; a power unit(8) formed of a digital electronic type; a motor(9); and a remote controlling circuit unit(10). The lock is protruded while rotating the handle key groove in pressing the handle groove toward an opposite direction of the starting unit. Then, the lock is fixed on the handle body groove by being protruded in rotating the handle key groove. A remote controller operates an on-switch to operate a power remote control output unit by applying power of a battery into a remote control unit. Thereby, the handle key and handle lock mounted on the bicycle and the vehicle applies convenience by being divided a manual type and a digital electronic type.**

**CHOSEN-DRAWING: Dwg.1/10**

**DERWENT-CLASS: Q47**